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(21) International Application Number: PCT/US92/02091 (22) International Filing Date: 13 March 1992 (13.03.92) (30) Priority data: 670,603 15 March 1991 (15.03.91) US 771,332 3 October 1991 (03.10.91) US (71) Applicants: BERLEX LABORATORIES, INC. [US/US]; 110 East Hanover Avenue, Cedar Knolls, NJ 07927 (US). THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Patent Branch, Office of Technology Transfer, Box OTT, Bethesda, MD 20892 (US). (72) Inventors: BATTEY, James, F., Jr. ; 13 Savannah Court, Bethesda, MD 20817 (US). CORJAY, Martha, H. ; 1106 Broken Avenue, Wilmington, DE 19808 (US). FATHI, Zahra ; 13811-43 Castle Boulevard, Silver Springs, MD 20904 (US). FELDMAN, Richard, I. ; 100 Pomona Avenue, El Cerrito, CA 94530 (US). HARKIN, Richard, N. ; 2819 Sea View Parkway, Alameda, CA 94501 (US). SLATTERY, Timothy, K. ; 2533 Claire Court, Mountain View, CA 94403 (US). WADA, Etsuko ; 12501 Village Square Terrace, Rockville, MD 20852 (US). WU, James, M. ; 5514 Zara Avenue, El Cerrito, CA 94530 (US).		(74) Agents: DOW, Karen, B. et al. ; Townsend and Townsend, One Market Plaza, 2000 Steuart Tower, San Francisco, CA 94105 (US). (81) Designated States: AT (European patent), AU, BE (European patent), CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), GR (European patent), IT (European patent), JP, LU (European patent), MC (European patent), NL (European patent), NO, SE (European patent). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: RECEPTORS FOR BOMBESIN-LIKE PEPTIDES (57) Abstract Receptors for bombesin-like peptides are solubilized and purified in active form. The amino acid sequence and DNA encoding various subtypes of the receptors are disclosed. Uses of the purified receptor gene and polypeptide are disclosed, including means for screening for agonists and antagonists of the receptor ligands, for producing diagnostic or therapeutic reagents, and for producing antibodies. Therapeutic or diagnostic reagents and kits are also provided.		